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(54) Title: MICRO-RELAY		
<p>The technical drawing illustrates a cross-section of a micro-relay. It features a central support member with a rectangular base and a stepped top surface. Several curved, s-shaped support arms extend from the top surface, each ending in a contact element. The contact elements are labeled with numbers such as 103, 140, 121, 170, 108, 134, 105, 180, 106, 110, 163, 141, 160, 168, 165, 133, and 181. The drawing also shows internal layers and voids within the relay structure.</p>		
(57) Abstract		
<p>A microstructure relay comprising an s-shaped support member is provided. The s-shape support member creates over-travel in the relay in order to produce high contact force and low contact resistance over the lifetime of the relay. Compressive and tensile stress-inducing layers on appropriate parts of the support member induce it to bend as desired.</p>		

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